

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plura names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: VOLTAGE-CONTROLLED DELAY CIRCUIT USING SECOND-ORDER PHASE INTERPOLATION

the specification of which is attached	ed hereto or indicates an	attorney docket no. YOR920030258US1, or:
□ was filed in the U.S. Patent & T	rademark Office on	and assigned Serial No,
and (if applicable) was amended	l on	·
amended by any amendment referred to the examination of this application benefits under Title 35, U.S. Code	ed to above. I acknowled; on in accordance with Titl §119(a)-(d) or §365(b) of n which designated at leas elow and have also ident	Yes [] No[]
(Application Number)	(Country)	(Day/Month/Year filed) Yes [] No[]
(Application Number)	(Country)	(Day/Month/Year filed)
International application designation application is not disclosed in the property of the prop	ior United States, listed ior United States or PCT	de §120, of any United States application(s), or §365(c), of any PC debt below and, insofar as the subject matter of each of the claims of the international applications(s) in the manner provided by the first paragraphose information material to patentability as defined in Title 37, Code the filing date of the prior application and the national or PCT internation
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)
		TOND AND DO NO 277. CODISTOPHER

I hereby appoint the following attorneys: RICHARD M. LUDWIN, Reg. No. 33,010; KEVIN M. JORDAN, Reg. No. 40,277; CHRISTOPHER A. HUGHES, Reg. No. 26,914; JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, JR., Reg. No. 18,753; DOUGLAS W. CAMERON, Reg. No. 31,596; WAN YEE CHEUNG, Reg. No. 42,410; THU ANN DANG, Reg. No. 41,544; LOUIS P. HERZBERG, Reg. No. 41,500; DEREK S. JENNINGS, Reg. No. 31,473; STEPHEN C. KAUFMAN, Reg. No. 29,551; ALISON D. MORTINGER, Reg. No. 39,306; DANIEL P. MORRIS, Reg. No. 32,053; LOUIS J. 31,473; STEPHEN C. KAUFMAN, Reg. No. 29,551; ALISON D. MORTINGER, Reg. No. 43,303; and RAFAEL PEREZ-PINEIRO, Reg. No. 46,041; and each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

William E. Lewis RYAN, MASON & LEWIS, LLP 90 Forest Avenue Locust Valley, NY 11560 Tel.: (516) 759-2946

Attorney Docket No. YOR920030258US1

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE INVENTOR: Woogeun Rhee	Citizenship Republic of Korea	
Inventor's signature: Residence & Post Office address: 207 Beech Court Norwood, NJ 07648	Date: November 17th, 2003	
FULL NAME OF SECOND JOINT INVENTOR: Daniel Friedman Inventor's signature: Audit friedman Residence & Post Office address: 63 Fremont Road Sleepy Hollow, NY 10591	Citizenship U.S.A. Date: \(\(\frac{1}{17/03} \)	
FULL NAME OF THIRD JOINT INVENTOR: Mehmet Soyuer Inventor's signature: Residence & Post Office address: 86 Blackberry Drive Stamford, CT 06903	Citizenship <u>U.S.A.</u> Date: <u>U/(7 /0 3</u>	